

Each participant is responsible for making his/her hotel reservation.

The Argonne Guest House

(Managed by Sodexho)

9700 South Cass Ave.

Building 460

Argonne, IL 60439

(800) 632-8990 or (630) 739-6000

The rate is \$70.00 per night for a standard room.

When making your reservation, inform the

hotel that you will be attending the ANL/DOE QA

Training Course. The hotel reservation deadline

is **March 11, 2009.**

A map of the Chicago metropolitan area highlighting major transportation routes. The map shows several interstate highways: I-90 (I-55) running north-south through the center; I-88 (I-57) running east-west along the southern edge; I-55 running east-west above I-88; I-290 running north-south on the western side; and I-294 running north-south on the eastern side. Major roads like Butterfield Rd., Lemont Rd., Cass Ave., Rd. Mannheim Rd., La Grange, Cicero Ave., and 57th St. are also labeled. Key locations include O'Hare Airport (marked with an airplane icon), Midway Airport (also marked with an airplane icon), B-N R.R. Westmont Station (Cass Ave.), and Argonne National Laboratory (indicated by a green shaded area). Shaded gray areas represent urban centers, with "CHICAGO" specifically labeled near the Midway Airport. Highway shields for various numbers (290, 83, 355, 45, 38, 56, 88, 53, 294, 55, 355, 171, 83, 94, 57) are placed at their respective intersections or segments.

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9700 South Cass Ave.
Argonne IL 60439



E_M Environmental Management

safety ❖ *performance* ❖ *cleanup* ❖ *closure*

DOE Packaging Certification Program

Office of Packaging and Transportation (EM-63)

Quality Assurance for Radioactive Material Packaging

March 24–26, 2009

Argonne National Laboratory
Argonne, Illinois

Announcement also available at:
<http://www.dis.anl.gov>

Argonne
NATIONAL LABORATORY



U.S. DEPARTMENT OF
ENERGY

Description

The purpose of the course is to provide QA training and practical experience for DOE personnel and contractors who are required to develop and implement a QA plan or prepare the QA chapter of a Safety Analysis Report for Packaging (SARP) for the control of design, fabrication, assembly, testing, maintenance, repair, modification, and use of the packaging. The course begins with instructions concerning basic QA principles and concepts and quickly advances to packaging-specific information. The training course will review applicable QA requirements from DOE Orders, federal regulations, and NRC Regulatory Guides. The training course includes both lecture and actual problem sessions and applies a graded approach to selected QA elements from Subpart H of 10 CFR Part 71. Participants will gain experience from the development of a partial packaging-specific QA chapter for a SARP by selecting appropriate QA requirements from Subpart H of 10 CFR Part 71 and ASME NQA-1 for Type B and fissile material packaging.

Staff

| | |
|--------------------------|-------------------------------|
| <i>Bud Fabian</i> | Training Course Director |
| <i>Harriet Caracello</i> | Training Course Administrator |
| <i>Vik Shah</i> | Mechanical Engineer |
| <i>Brent Shelton</i> | Quality Assurance Consultant |
| <i>Craig Swietlik</i> | Information Sciences |
| <i>Shiu-Wing Tam</i> | Materials Engineer |
| <i>Roberta Riel</i> | Quality Assurance Engineer |
| <i>Yung Y. Liu</i> | SARP Review Group Manager |
| <i>Ron Pope</i> | Mechanical Engineer |

Guest Lecturers

Robert Temps, Senior Safety Inspector
Nuclear Regulatory Commission
Julio Pardo, Principal QA Engineer
Savannah River Nuclear Solutions

Agenda

Day 1: 8:00 a.m. – 5:00 p.m.

Day 2: 8:30 a.m. – 5:00 p.m.

Day 3: 8:30 a.m. – 12:00 noon

This course was last offered in June 2008 for the 34th time. Course highlights include lectures on the following:

- Review of DOE QA requirements for DOE Packaging Orders, federal regulations, NRC Regulatory Guides, and associated standards
 - DOE Order 460.1B
 - 10 CFR Part 71
 - 49 CFR Part 173
 - NRC Regulatory Guide 7.10
 - ASME NQA-1
- Demonstration of the graded QA approach for transportation packaging
- QA audits/inspections

Course Material

All participants in the course will receive a copy of the course instruction visuals, which are based on the following references:

- 10 CFR Part 71: *Packaging and Transportation of Radioactive Material*
- 49 CFR Part 173: *Shippers—General Requirements for Shipments and Packaging*
- DOE Order 460.1B: *Packaging and Transportation Safety*
- NRC Regulatory Guide 7.10: *Establishing Quality Assurance Programs for Packaging Used in the Transport of Radioactive Material*
- ASME NQA-1: *Quality Assurance Program Requirements for Nuclear Facilities*

Participants will also receive a Certificate of Completion for the QA Training Course.

Registration

Quality Assurance for Radioactive Material Packaging

March 24-26, 2009

Argonne National Laboratory, Building 201
9700 South Cass Ave.
Argonne, IL 60439

Name _____
First Initial Last

Company _____

Mailing Address _____

City State Zip Country

Telephone _____ Email _____

The registration fee for this course is \$800 (\$700 if registered before **March 2, 2009**). Checks should be made payable to Argonne National Laboratory (credit cards accepted). The number of participants is limited to 24. Registration must be received by **March 11, 2009**. The participant list is subject to approval by DOE.

Send completed registration form and registration fee to:

Judy Benigno
Argonne National Laboratory
9700 South Cass Ave.
Bldg. 201, Rm. 1H-12
Argonne IL 60439
Phone: (630) 252-5586
Fax: (630) 252-5533
E-mail: jbenigno@anl.gov

Cancellation policy: A processing fee of \$100 will be charged for cancellation until/on March 11, 2009. No refund will be issued after March 11, 2009.

On-line Registration

To register on-line, please visit
<http://www.dis.anl.gov>